IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

Patent No. **7,142,297**
Issued: **28 November 2006**

Application No. **10/697,982**
Filed: **31 October 2003**

Confirmation No. **8961**

Patentee: **Christoph Zechner**

Title: **Method for Simulating the Movement of
          Particles**

Examiner: Layla G. Lauchman
Group Art Unit: 2877

CUSTOMER NO. 36454

CERTIFICATE OF CORRECTION BRANCH
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 1.322

Sir:

Correction of a mistake made by the Patent Office is respectfully requested for the
identified United States patent.

Equation (5) read correctly as follows in paragraph [0065] of the originally filed
application:

$$\frac{dIn_{conc.}}{dt} = div(grad(C) \cdot \delta \cdot \varepsilon \cdot In_{conc.}) + div(D(T,C) \cdot grad(In_{conc.}))$$

Equation (5) was published as shown below in paragraph [0079] of the patent:

$$\frac{dIn_{conc.}}{dt} = -div(grad(C) \cdot \delta \cdot \varepsilon \cdot In_{conc.}) + div(D(T,C) \cdot grad(In_{conc.}))$$

As can be seen, there is an added subtraction symbol (-) after the equals (=) sign and

before the word "div" in the published version. Please issue a Certificate of Correct to correctly reflect the equation.

This correction would not cause the patent to require further examination.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0869 (SYNP 0439-1).

Respectfully submitted,

Dated: 09 April 2007   /Warren S. Wolfeld/
                                              Warren S. Wolfeld, Reg. No. 31,454

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PTO/SB/44 (04-05)
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page __1__ of __1__

PATENT NO. : 7,142,297

APPLICATION NO.: 10/697,982

ISSUE DATE : 28 November 2006

INVENTOR(S) : Christoph Zechner

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In paragraph [0079], replace

$$" \frac{dIn_{conc.}}{dt} = [[-]] div(grad(C) \cdot \delta \cdot \varepsilon \cdot In_{conc.}) + div(D(T,C) \cdot grad(In_{conc.}))" \text{ with}$$

$$-- \frac{dIn_{conc}}{dt} = div(grad(C) \cdot \delta \cdot \varepsilon \cdot In_{conc.}) + div(D(T,C) \cdot grad(In_{conc.})) --.$$

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.